

Amended claims

CLAIMS

What is claimed is:

1. A fuse assembly, comprising:

a. an electric insulator;

composed of two halves of length-wisely sliced body to be adhesively assembled into one enclosure,

having an inner wall consist of two jointed ellipsoidal concave inner walls, or ellipsoidally segmented polyhedral concave inner walls, which are so arranged as to superimpose two focuses of each ellipsoid into one , and

having a shock wave generated by arcing of fuse element caused by over current introduced into fuse assembly at its mid length which correspond to the superimposed focuses, reflect, converge and place a focus onto the another focuses respectively to extinguish an arc of the element at both focuses;

b.electric conductors; clamped on the edge of said sliced body;

c. a fuse element; spanned between said terminals and fixed with solder.

2. A fuse assembly, comprising:

a. an electric insulator tube;

b. an electric conductive ferrule;

having a paraboloidal or hyperbolic concaved inner wall

which has a shock wave generated by arcing of fuse element caused by over current introduced into fuse assembly reflect, converge and place a focus onto the arcing spot of the element and

adhesively assembled with said electric insulator tube,

c. fuse element; spanned between said ferrules and fixed with solder; and

d. sand grain; preferably filled as filler material in the space where said element is spanned.